

ABSTRACT OF THE DISCLOSURE

A medicament respiratory delivery device including a housing having a chamber, an inlet and an outlet generally coaxially aligned with the chamber, wherein the chamber includes a medicament cartridge having a body including a generally cylindrical passage extending through the opposed ends of the cartridge generally coaxially aligned with the inlet and outlet of the housing having thin burstable polyolefin membranes having a burst pressure of between 1.2 and 10 atmospheres stretched taut over the ends of the cartridge, such that fluid delivered to the inlet ruptures the membranes, entraining medicament contained within the cartridge passage which is delivered to the patient's respiratory system through the outlet. The method of forming the cartridge includes stretching out and bending a membrane to one end of the cartridge, preferably by heat bonding, filling the cartridge with a medicament and sealing the opposed end preferably with a second burstable membrane by stretching out a membrane over a convex surface and heat bonding.